



00862.022183

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
: Examiner: I. Soward
Haruhito ONO et al.)
: Group Art Unit: 2822
Application No.: 09/819,737)
:
Filed: March 29, 2001)
:
For: ELECTROOPTIC SYSTEM ARRAY,)
CHARGED-PARTICLE BEAM :
EXPOSURE APPARATUS USING THE) April 19, 2002
SAME, AND DEVICE :
MANUFACTURING METHOD)

Commissioner for Patents
Washington, D.C. 20231

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Payton

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

Applicants respectfully traverse the restriction requirement set forth in the Office
Action dated March 21, 2002.

In the Office Action, the Examiner sets forth a restriction requirement between two
groups of claims. Group I, claims 1-27, is drawn to an electrooptic system array and a
charged-particle beam exposure apparatus, classified in class 257, subclass 737. Group II,
claims 29-31, is drawn to a device manufacturing method and a maintenance method,
classified in class 438, subclass 1+. In this regard, claim 28 is directed to a device

manufacturing method and presumably, in the Examiner's view, belongs to Group II.

Claim 30, however, is directed to a semiconductor manufacturing factory and recites features along the lines of those recited in the claims of Group I. Claim 30, therefore, presumably should be grouped with the claims in Group I.

The Examiner contends that the inventions of Groups I and II are related as "process of making and product made", and have acquired a separate status in the art due to their different classification such that the searches are not coextensive, requiring separate examination. These contentions are respectfully traversed.

Initially, Applicants respectfully submit that the inventions of Group I and Group II are in no way related as process of making and product made. The method claims of Group II are directed to a device manufacturing method and a maintenance method for a charged-particle beam exposure apparatus, whereas the claims of Group I are directed to "apparatus" and not products made by such methods. Therefore, Applicants request that the restriction requirement be withdrawn on this basis.

In addition, Applicants note that the inventions of Groups I and II are so closely related in the field of charged-particle beam exposure that a proper search of any of the claims would, of necessity, require a search of the others. Thus, it is submitted that all of the claims can be searched simultaneously, and that a duplicative search, with possibly inconsistent results, may occur if the restriction requirement is maintained.

Applicants further submit that any nominal burden placed upon the Examiner to search an additional subclass or two, necessary to determine the art relevant to Applicants'

overall invention, is significantly outweighed by the public interest in not having to obtain and study several separate patents in order to have available all of the issued patent claims covering Applicants' invention. The alternative is to proceed with the filing of multiple applications, each consisting of generally the same disclosure, and each being subjected to essentially the same search, perhaps by different Examiners on different occasions. This places an unnecessary burden on both the Patent and Trademark Office and on Applicants.

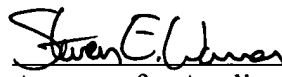
In the interest of economy, for the Office, for the public-at-large and for Applicants, reconsideration and withdrawal of the restriction requirement are requested.

Nevertheless, in order to comply with the requirements of 37 CFR 1.143, Applicants provisionally elect, with traverse, to prosecute the invention of Group I, namely claims 1-27 and, presumably, claim 30.

Favorable consideration and an early passage to issue are requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should be directed to our address listed below.

Respectfully submitted,



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Sir:

Transmitted herewith is a Response to Restriction Requirement in the above-identified application.

☒ No additional fee is required.

The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL CLAIMS	31	MINUS	31	= 0	x \$9 \$18	\$ 0.00
INDEP. CLAIMS	7	MINUS	7	= 0	x \$42 \$84	\$ 0.00
Fee for Multiple Dependent claims \$140/\$280						—
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0.00

☐ °Verified Statement claiming small entity status is enclosed, if not filed previously.

☐ A check in the amount of \$ _____ is enclosed.

☐ Charge \$ ____ to Deposit Account No. 06-1205. A duplicate of this sheet is enclosed.

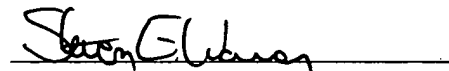
☒ Any prior general authorization to charge an issue fee under 37 CFR 1.18 to Deposit Account No. 06-1205 is hereby revoked. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 06-1205. A duplicate of this paper is enclosed.

☐ A check in the amount of \$ _____ to cover the fee for a _____ month extension is enclosed.

☐ A check in the amount of \$ ____ to cover the Information Disclosure Statement fee is enclosed.

☒ Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should be directed to our address given below.

Respectfully submitted,


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